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Fusrap
File copy

NY.59.1

NY .59

OTS NOTE

fusrap6

DATE: September 13, 1990

TO: Alexander Williams

FROM: Ed Mitchell ^{EM}

SUBJECT: Elimination Recommendation for American Machine and Foundry in
New York City

The purpose of this note is to provide the following with respect to the former American Machine and Foundry Company (AMF) in New York City, New York - FUSRAP Considered Site Recommendation (9/13/90).

The recommendation is to eliminate the AMF New York City sites. If you agree, then please return an "approved" and dated copy of this note. Upon receipt of it, we will update the Considered-Sites Data Base for FUSRAP of DOE's intent to eliminate the site. Please call me at 353-1281 if you have any questions.

cc: J. Wagoner
D. Tonkay
file FUSRAP NY.59

9/17/90
Approved
Alexander Williams

MEMORANDUM

TO: FILE NY-59DATE 9/13/90FROM: Ed Mitchell

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SUBJECT: FUSRAP Considered Site Recommendation

SITE NAME: American Machine & Foundry ALTERNATE NAME: AMF, AM&FCITY: New York City STATE: NY Addresses: see page 3OWNER(S) if owned, but some or all were leased.
Past: AMF (probably sold in 1960's) Current: unknown
Owner contacted ☐ yes ☒ no; if yes, date contacted _____

TYPE OF OPERATION

☐ Research & Development

- ☐ Production scale testing
☐ Pilot Scale
☐ Bench Scale Process
☐ Theoretical Studies
☐ Sample & Analysis

☒ Facility Type

- ☐ Manufacturing
☐ University
☐ Research Organization
☐ Government Sponsored Facility
☒ Other Design Engineering for the

development of electrical and mechanical controls for Savannah River Plant Reactors☐ Production☐ Disposal/Storage

TYPE OF CONTRACT

- ☐ Prime
☒ Subcontractor
☐ Purchase Order

☒ Other information (i.e., cost + fixed fee, unit price, time & material, etc) _____
Final value about \$13M

Sub
Contract/Purchase Order # AXC-8 1/2 to DuPont's Prime AT-(07-2)-1 to AEC

CONTRACTING PERIOD: 1950 through 1954

OWNERSHIP:

	AEC/MED OWNED	AEC/MED LEASED	GOVT OWNED	GOVT LEASED	CONTRACTOR OWNED	CONTRACTOR LEASED
LANDS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BUILDINGS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EQUIPMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ORE OR RAW MATL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FINAL PRODUCT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WASTE & RESIDUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

and/or
and/or

Control

- ☐ AEC/MED managed operations
☐ AEC/MED responsible for accountability
☐ AEC/MED overviewed operations
☐ Contractor had total control
☒ unknown

☐ Health Physics Protection

- ☐ Little or None
☐ AEC/MED responsibility
☐ Contractor responsibility

There were, however, strict security measures.

MATERIALS HANDLED:

Type (on basis of records reviewed)

- ☐ No Radioactive
☐ Natural Radioactive from Feed Materials Production
 - ☐ Ore
 - ☐ Refined Source Material
 - ☐ Residue☐ Natural Radioactive Material from Non-Nuclear Activities
☐ Man-Made
☒ Other

Comment If any radioactive material were handled it would probably be finished, machined parts source material for limited testing of controls

Quantities (on the basis of records reviewed)

- ☒ None ☐ Production Quantities
☐ Small Amounts

Comment _____

OTHER PERTINENT FACTS:

- ☐ Facility was Licensed
 - ☐ During AEC/MED-Related Operations
 - ☐ For Similar Activities
 - ☐ For Other Activities

Comment Engineering/design was done in NYC office's. Prototypes were assembled in New York (Brooklyn) for testing at the AMF same general locations that material were involved with machining contracts. The exception was The Veteran's Admin Bldg; 252 Seventh Ave, NY, NY, which was used for full-scale prototype

- ☐ Commercial Production Involving Radioactive Material during AEC/MED activities. Operations
☐ Facility was Decontaminated and Released
 - ☐ Availability of Close Out Records
 - ☒ None ☐ Some ☐ Sufficient

☐ Radioactive Status:

	YES	MAYBE	PROBABLY NOT	NOT
Contaminated	---	---	<input checked="" type="checkbox"/>	---
Potential for Exposure (accessible)	---	---	<input checked="" type="checkbox"/>	---

QUANTITY OF RECORDS AVAILABLE:

☐ Very Little ☐ Some ☒ Sufficient

PROBABILITY OF FINDING ADDITIONAL RECORDS:

☐ Low ☒ Possible ☐ High

RECOMMENDATIONS:

☒ Eliminate
☐ Consider for Remedial Action
☐ Collect More Data

Comment The New York City offices (especially at the bus terminal, New York Port Authority) were established for ready access to office workers to design the systems.

REFERENCES: Subcontract AXC-8 1/2 ; Savannah River Plant Engineering and Design History Volume I on AMF, 2/28/54 ; also Volume III
 See Site NY-26 (AMF Brooklyn) for AMF references instead of NY-59

SUMMARY

The New York City addresses of AMF were most likely general Inman offices of AMF or locations established to support the overall development project through DuPont. The prototype fabrication took place in Brooklyn location of AMF (addressed separately) in Site NY-26

AMF New York City addresses:

1. 261 Madison Avenue, New York 16, NY
2. 625 8th Avenue, New York, NY
3. Bus Terminal Office, Port of New York Authority, New York, NY
4. 252 Seventh Avenue, Veterans Administration Building, New York, NY
5. 511 Fifth Avenue, New York 17, NY